



DATA SYSTEM HAVING A VIRTUAL QUEUE

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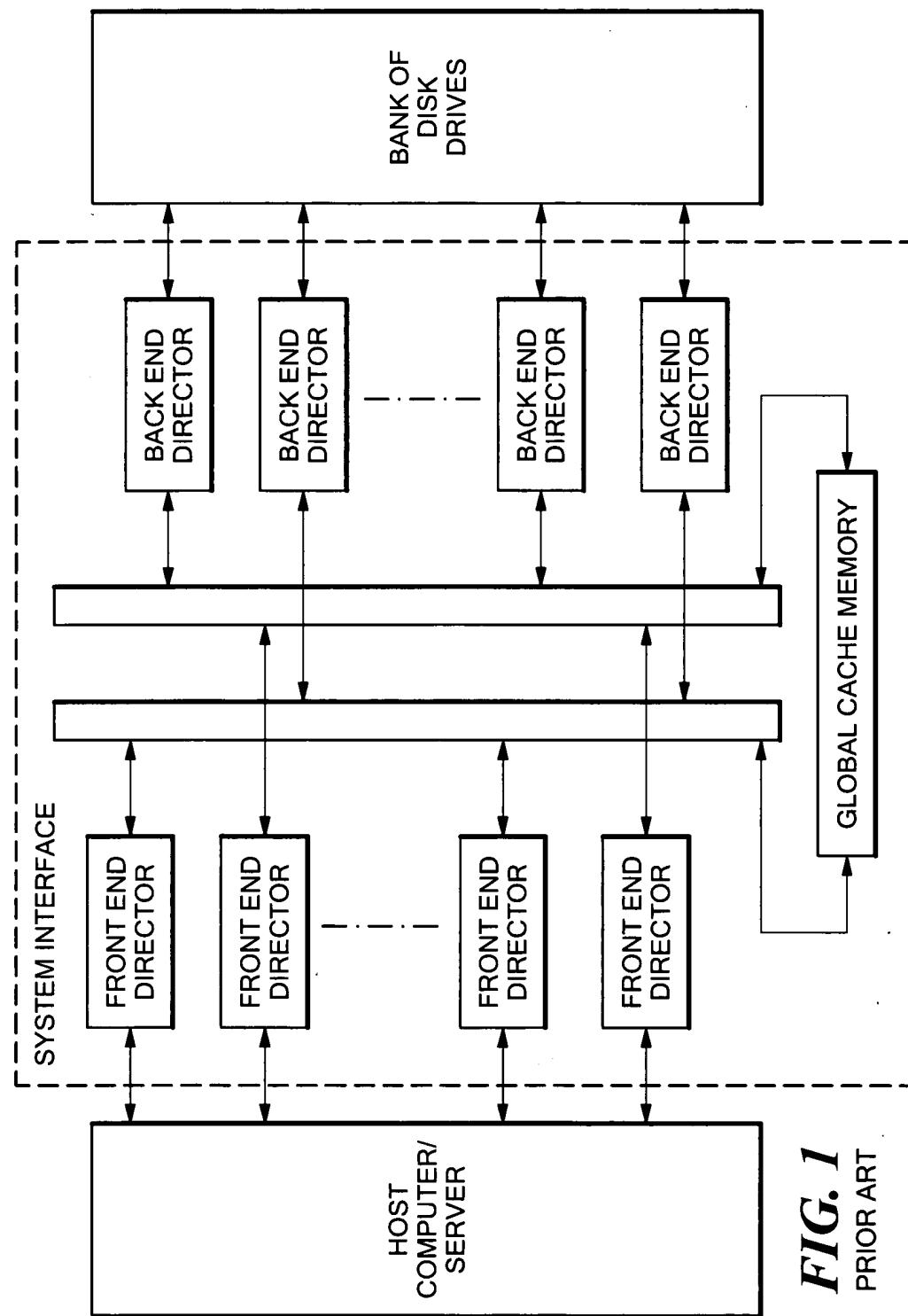


FIG. 1
PRIOR ART

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COMMAND	DESTINATION ID	SOURCE ID	ADDRESS	PAYLOAD	CRC
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FIG. 2A

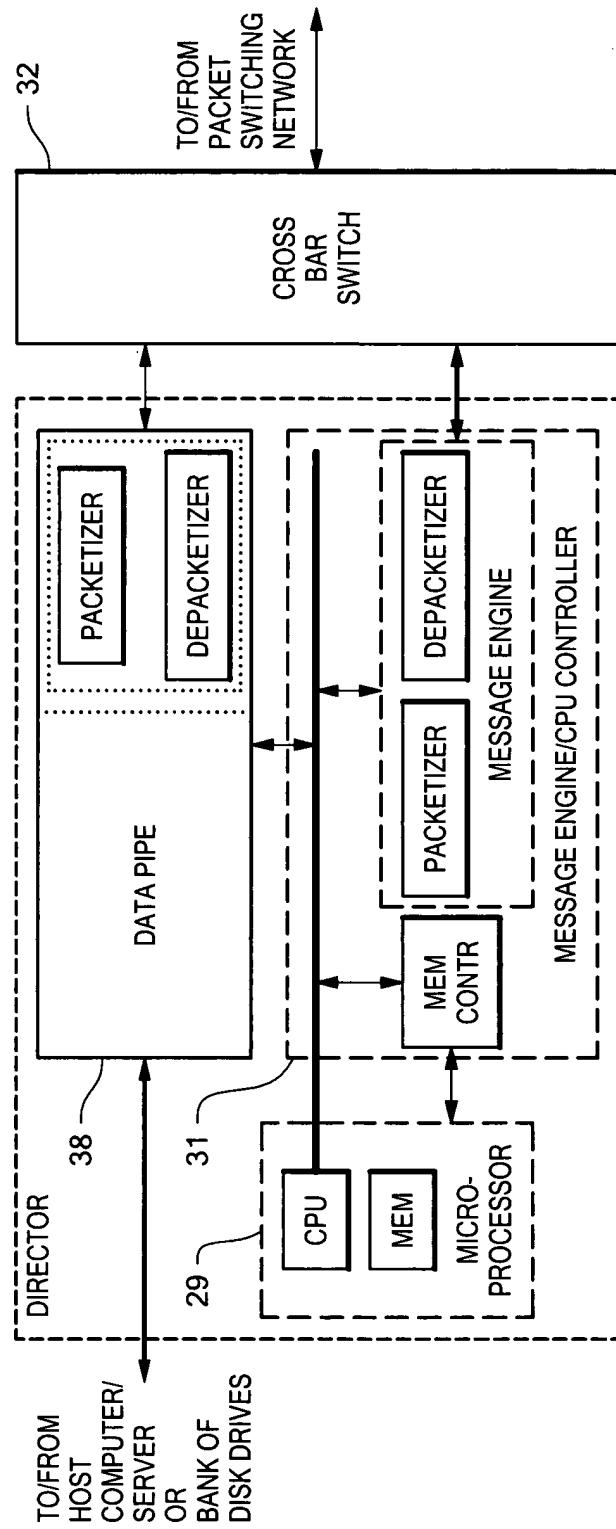


FIG. 3

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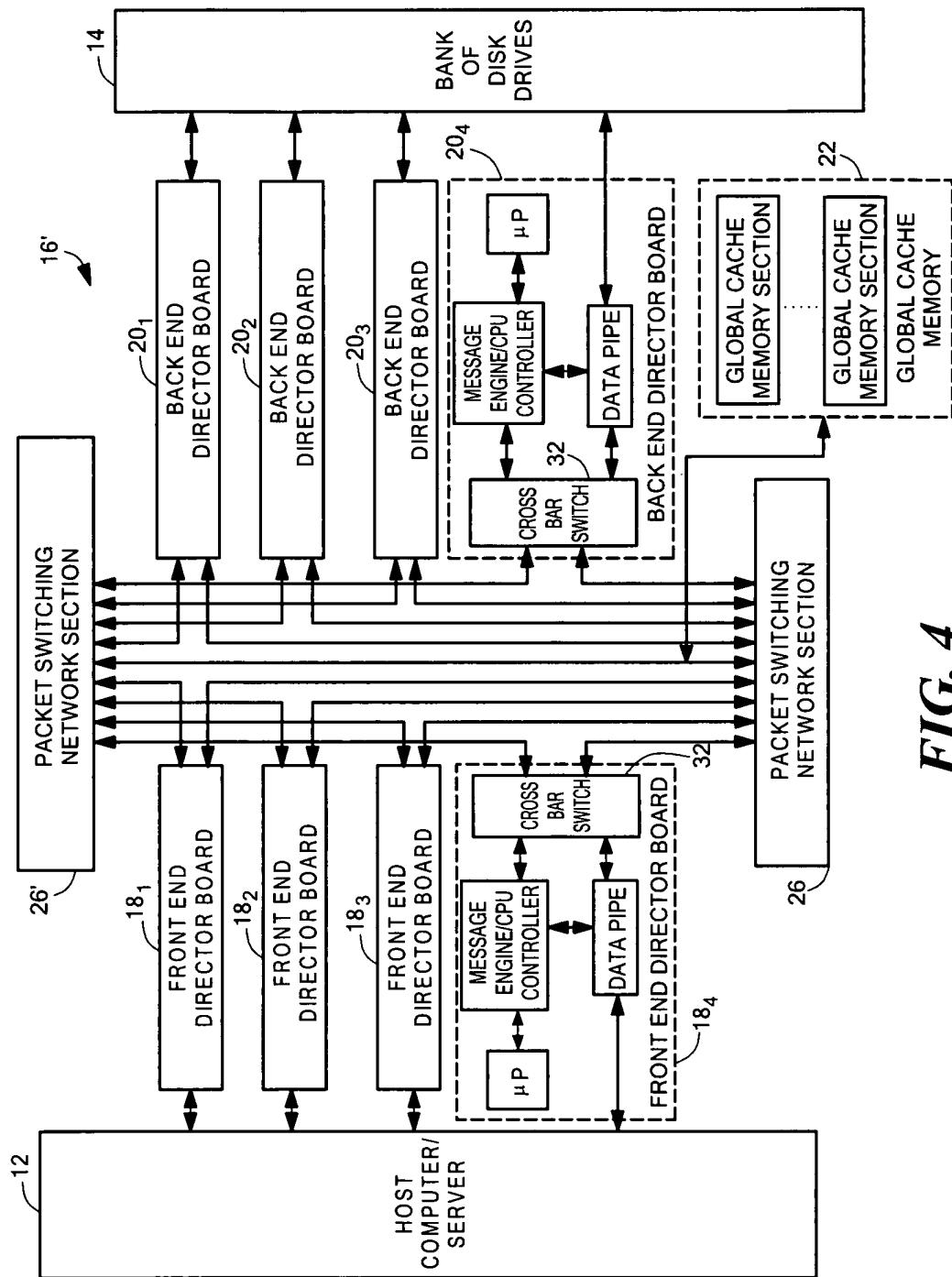


FIG. 4

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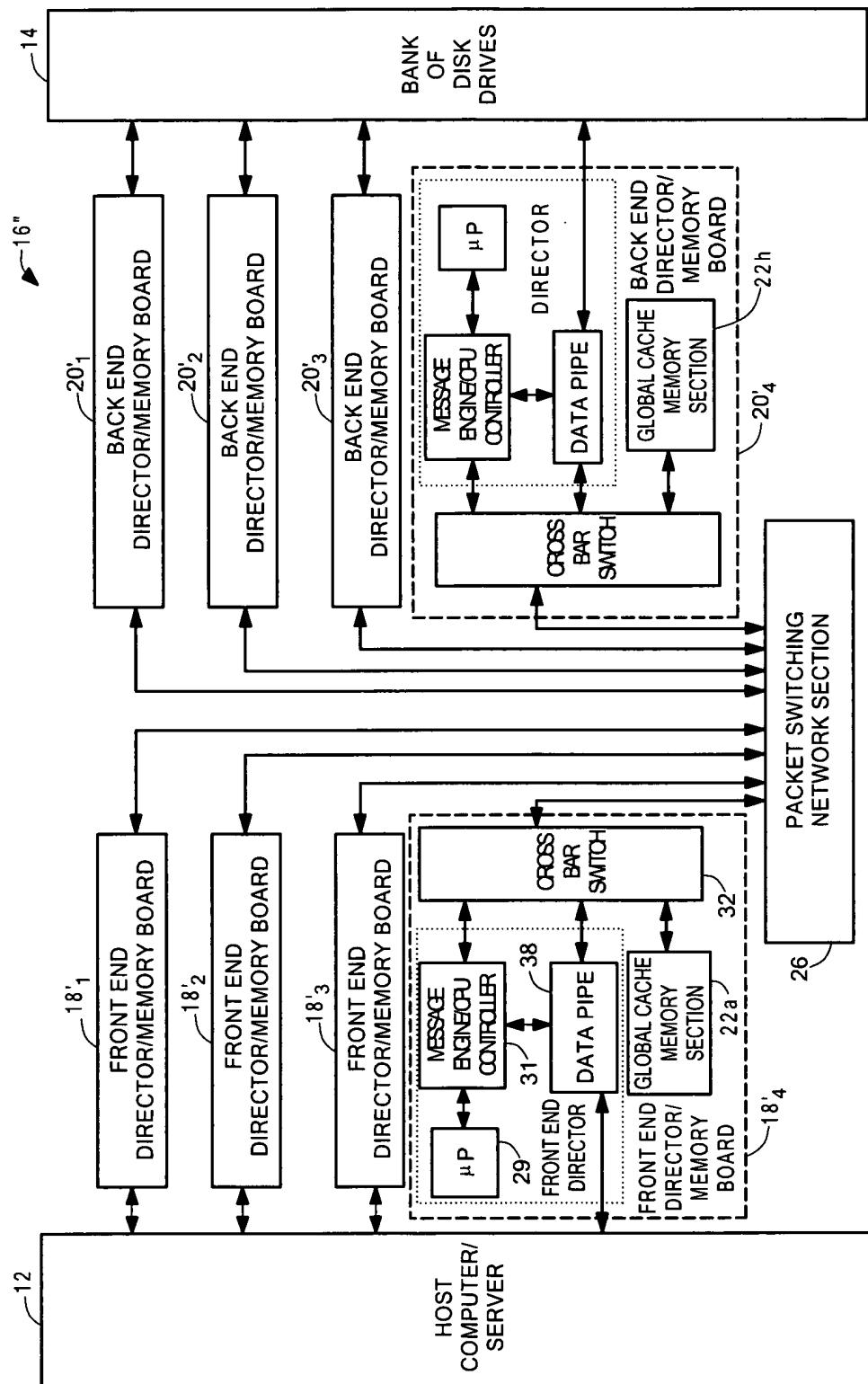


FIG. 5

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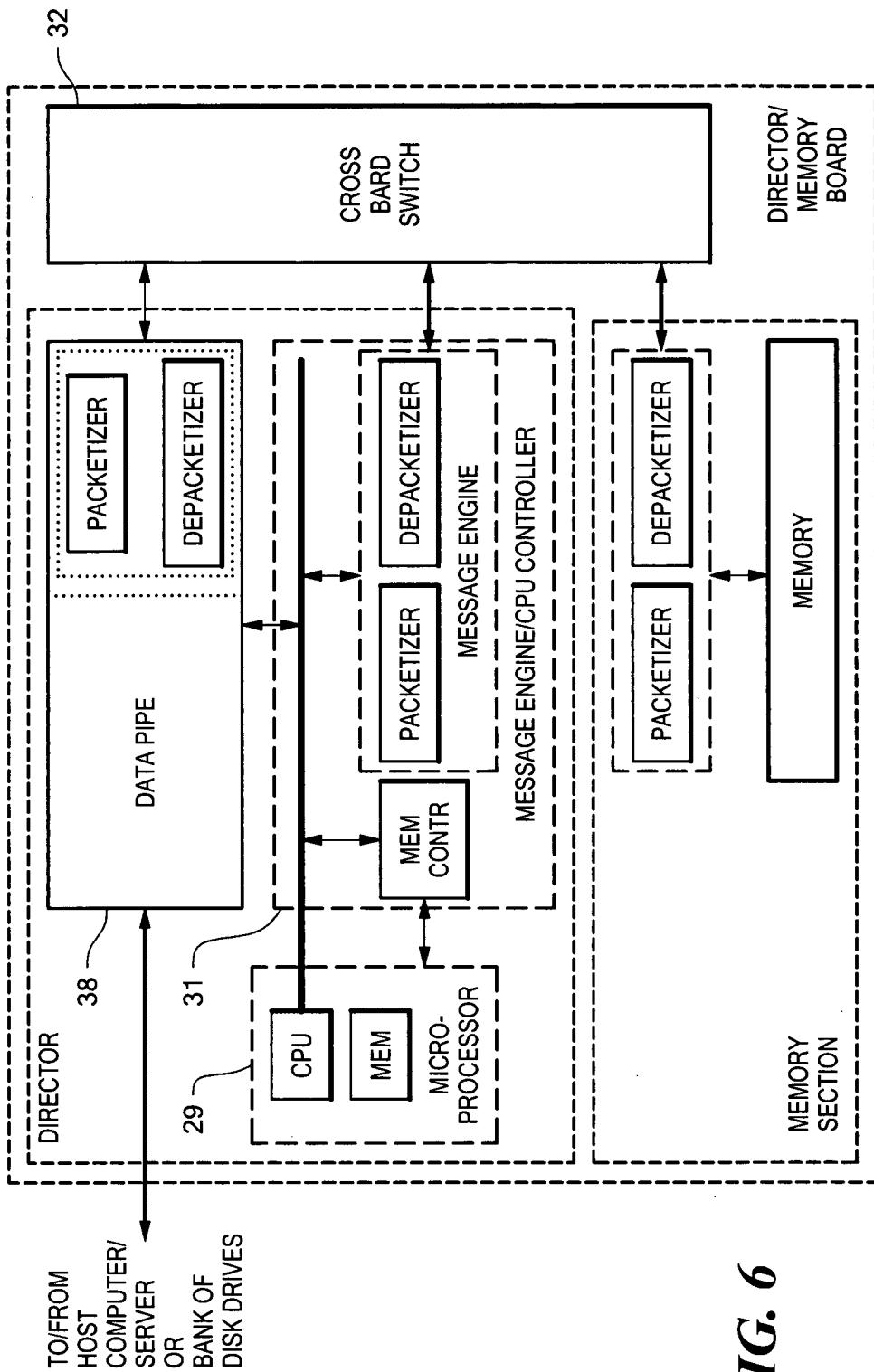


FIG. 6

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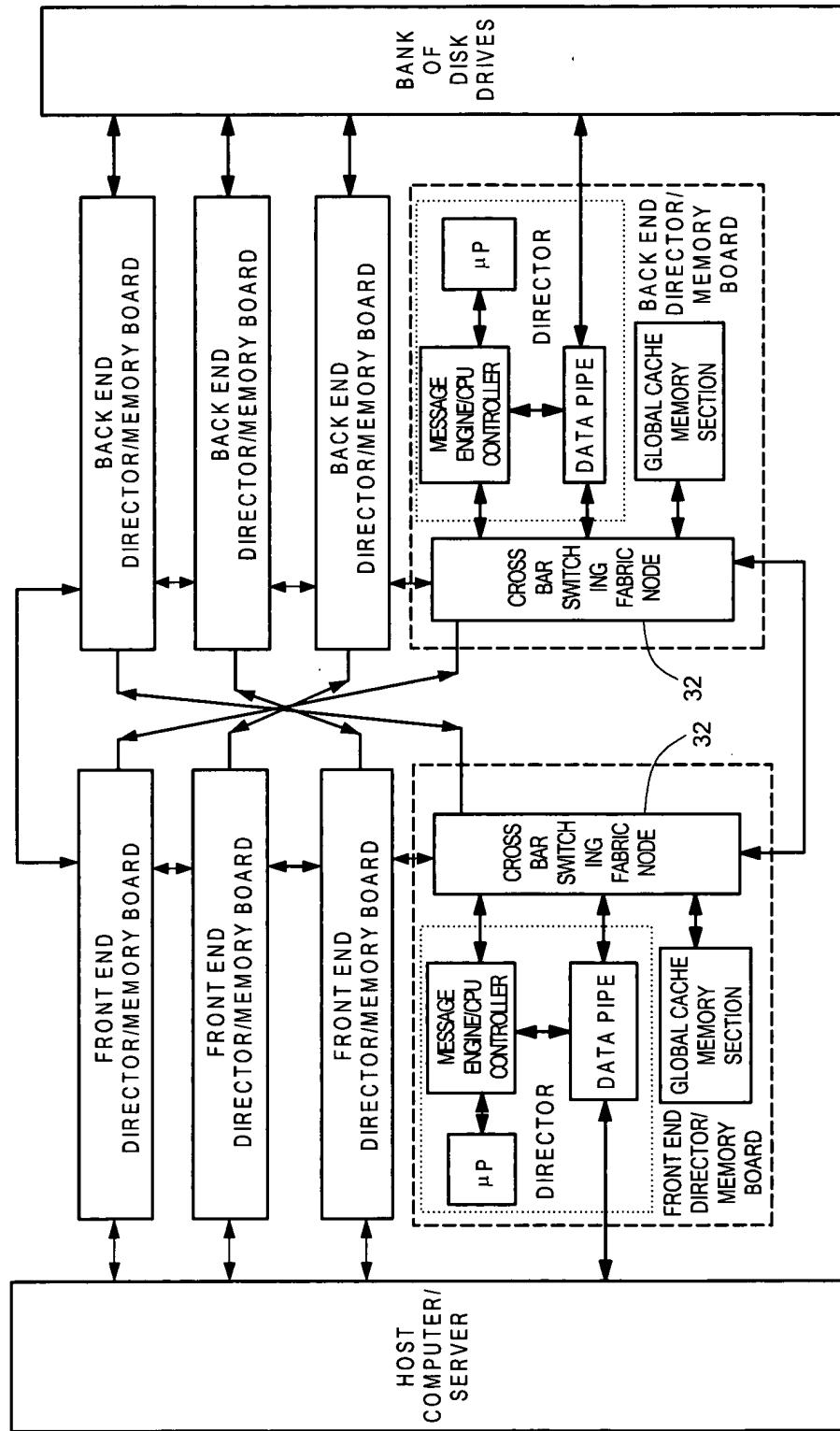


FIG. 7

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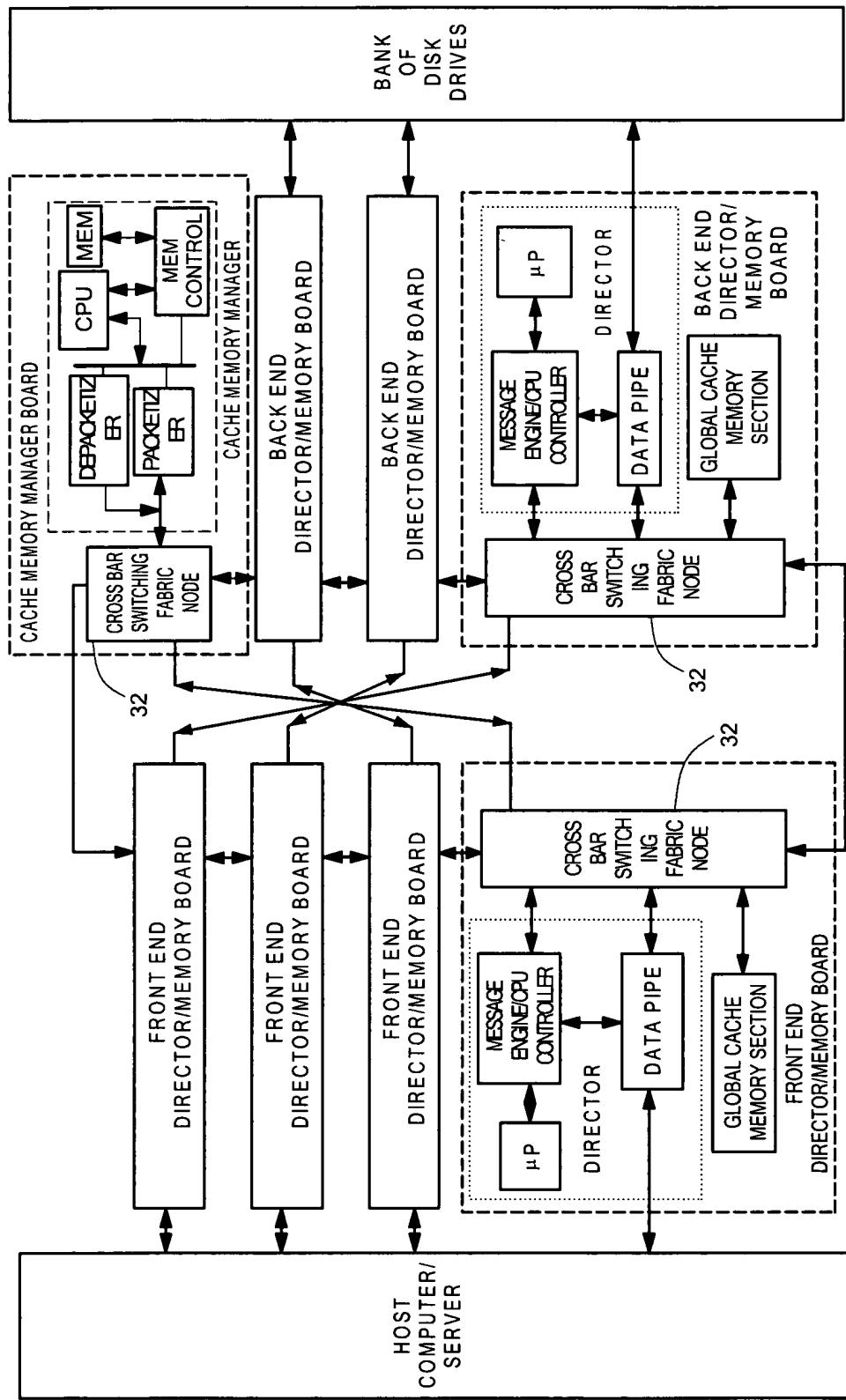


FIG. 7A

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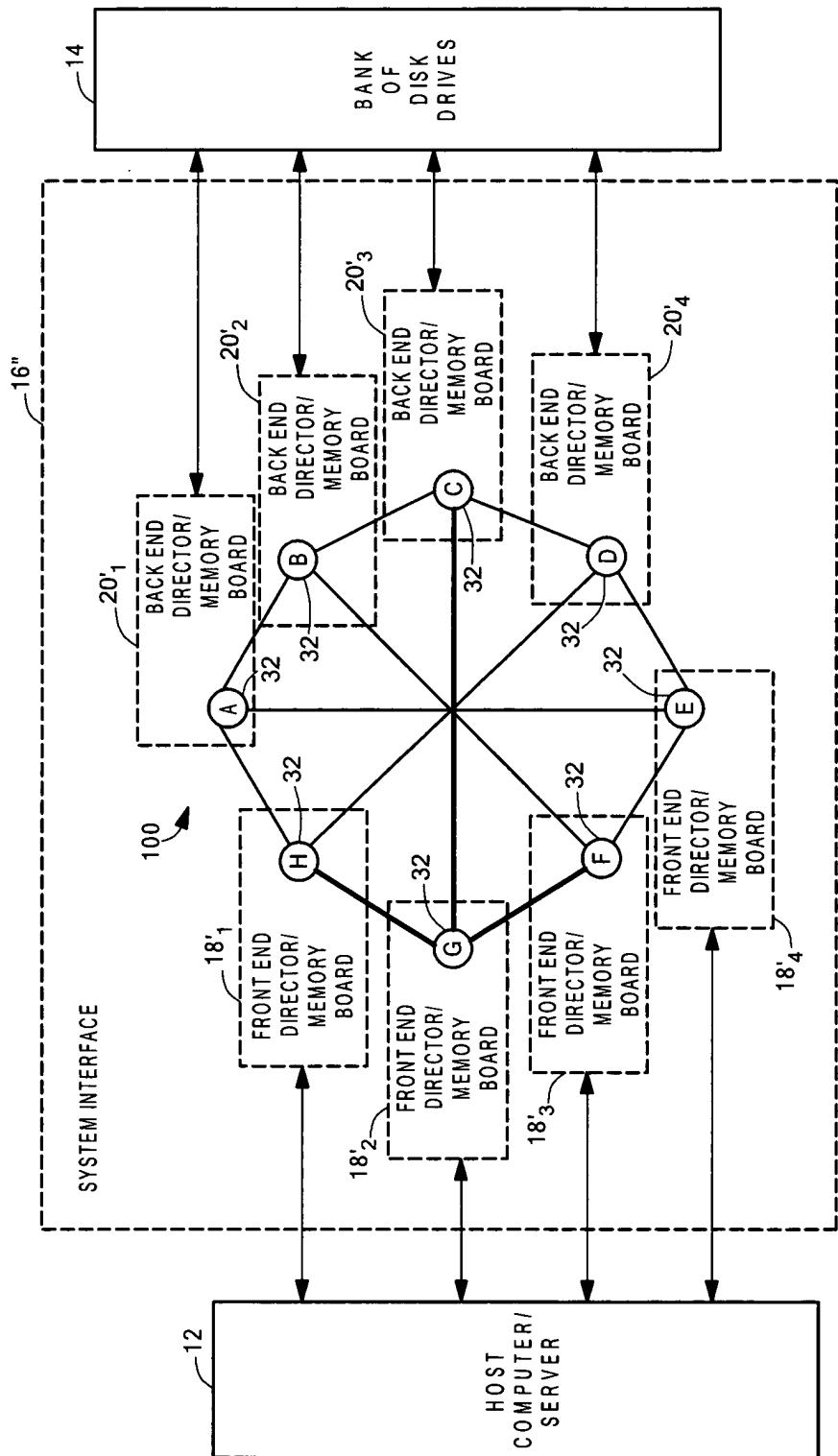


FIG. 8

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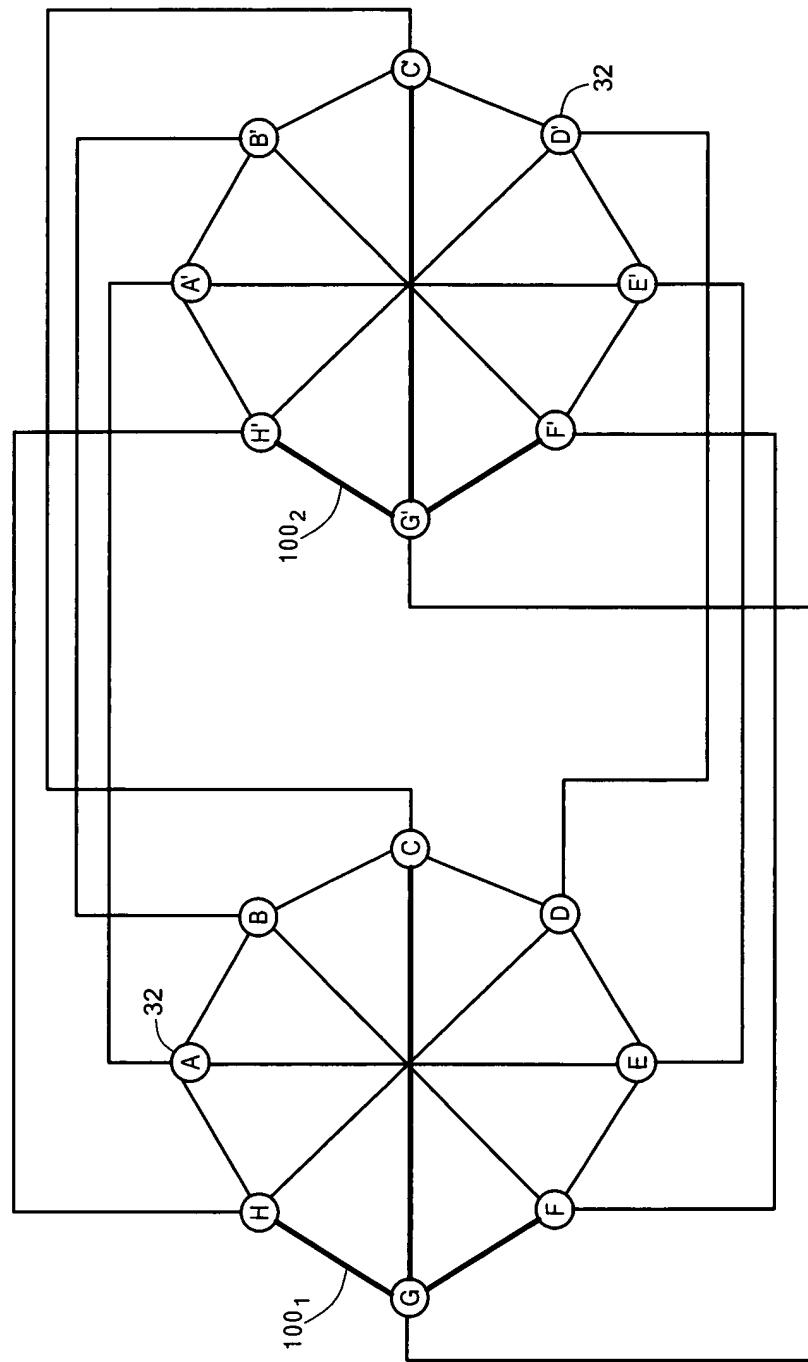


FIG. 9A

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- Starting Point, S
- Direct Attach
- One Switch Delay, "1"
- Two Switch Delays, "2"

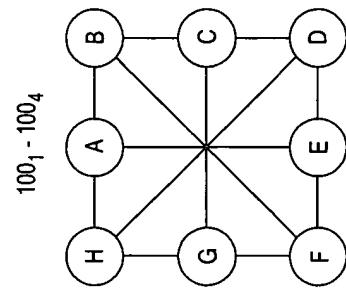
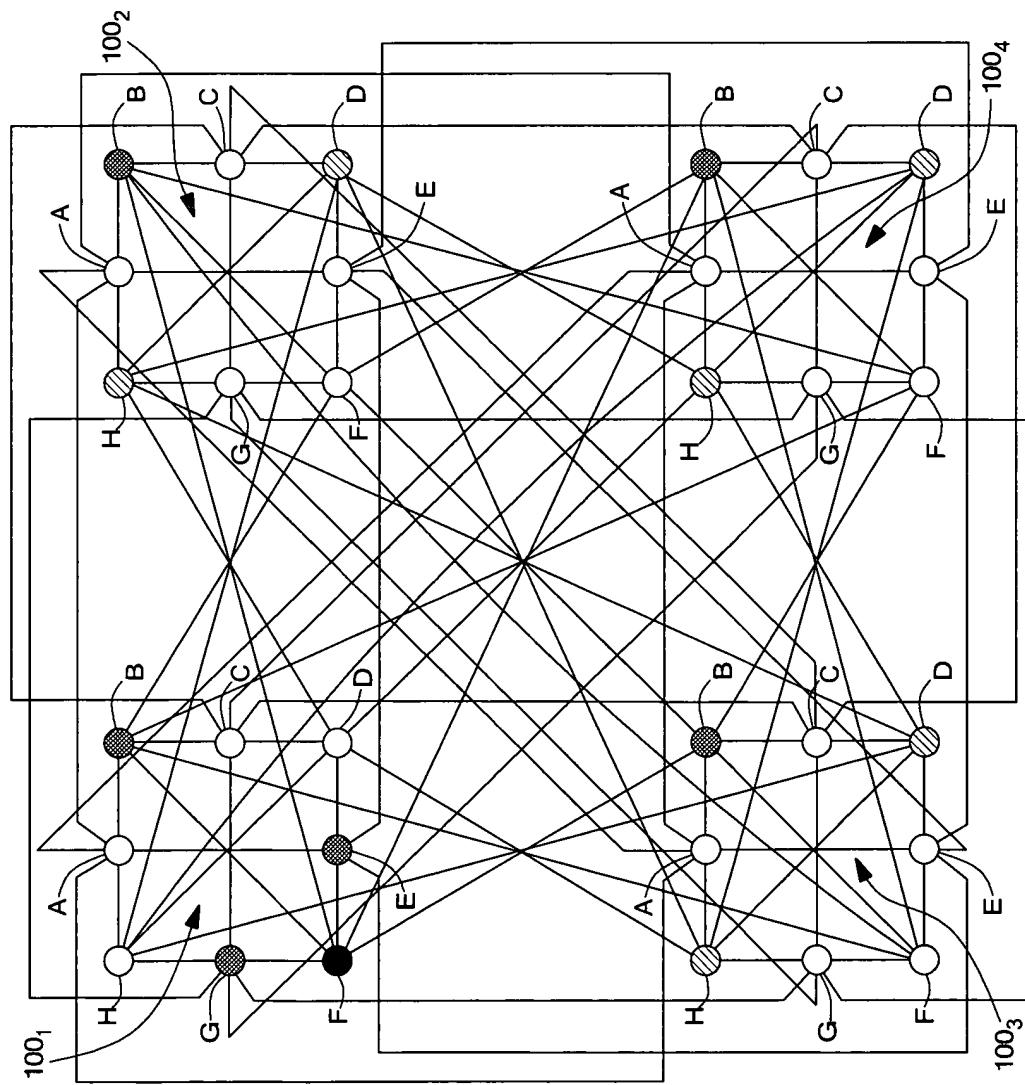


FIG. 9C



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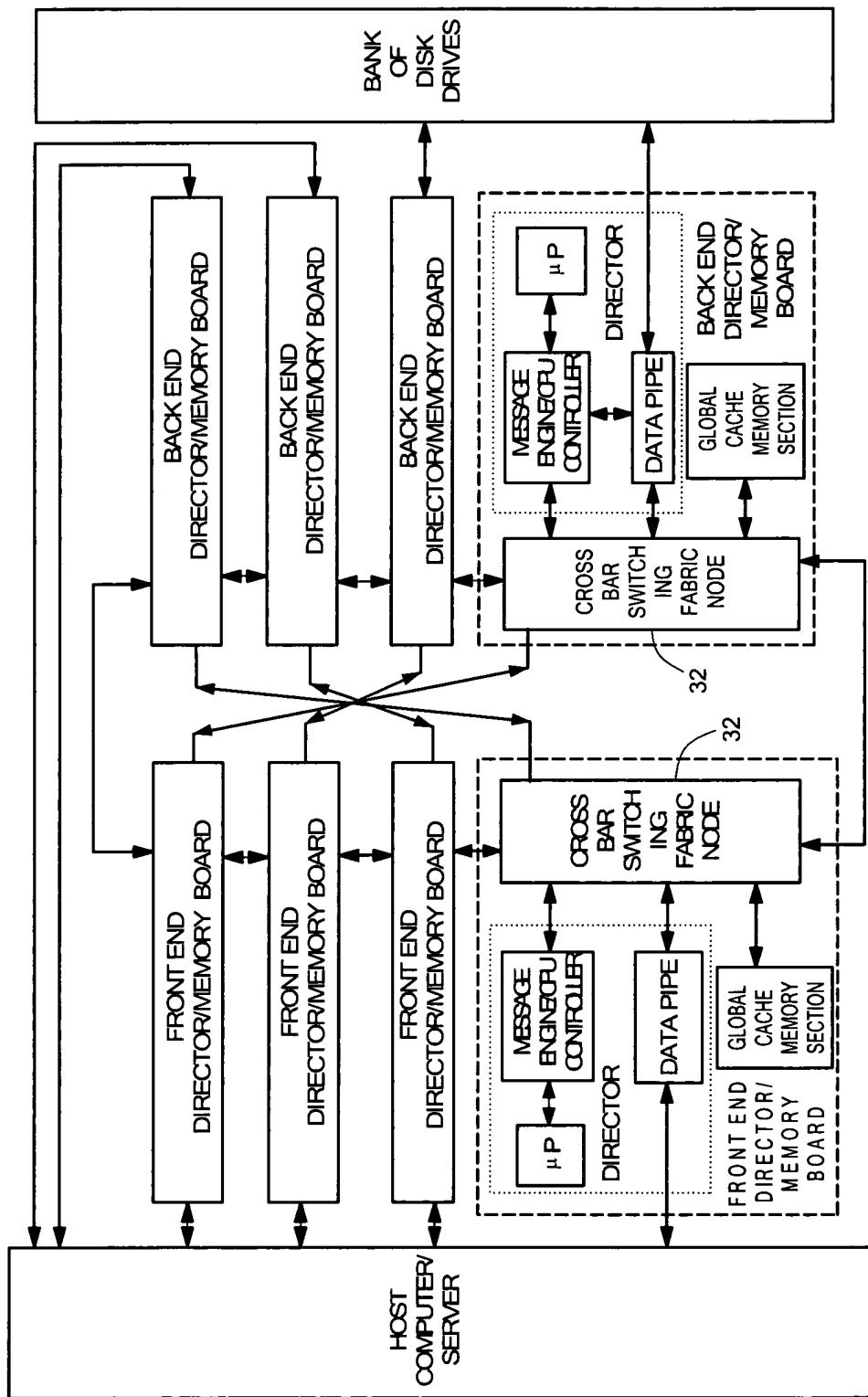


FIG. 10

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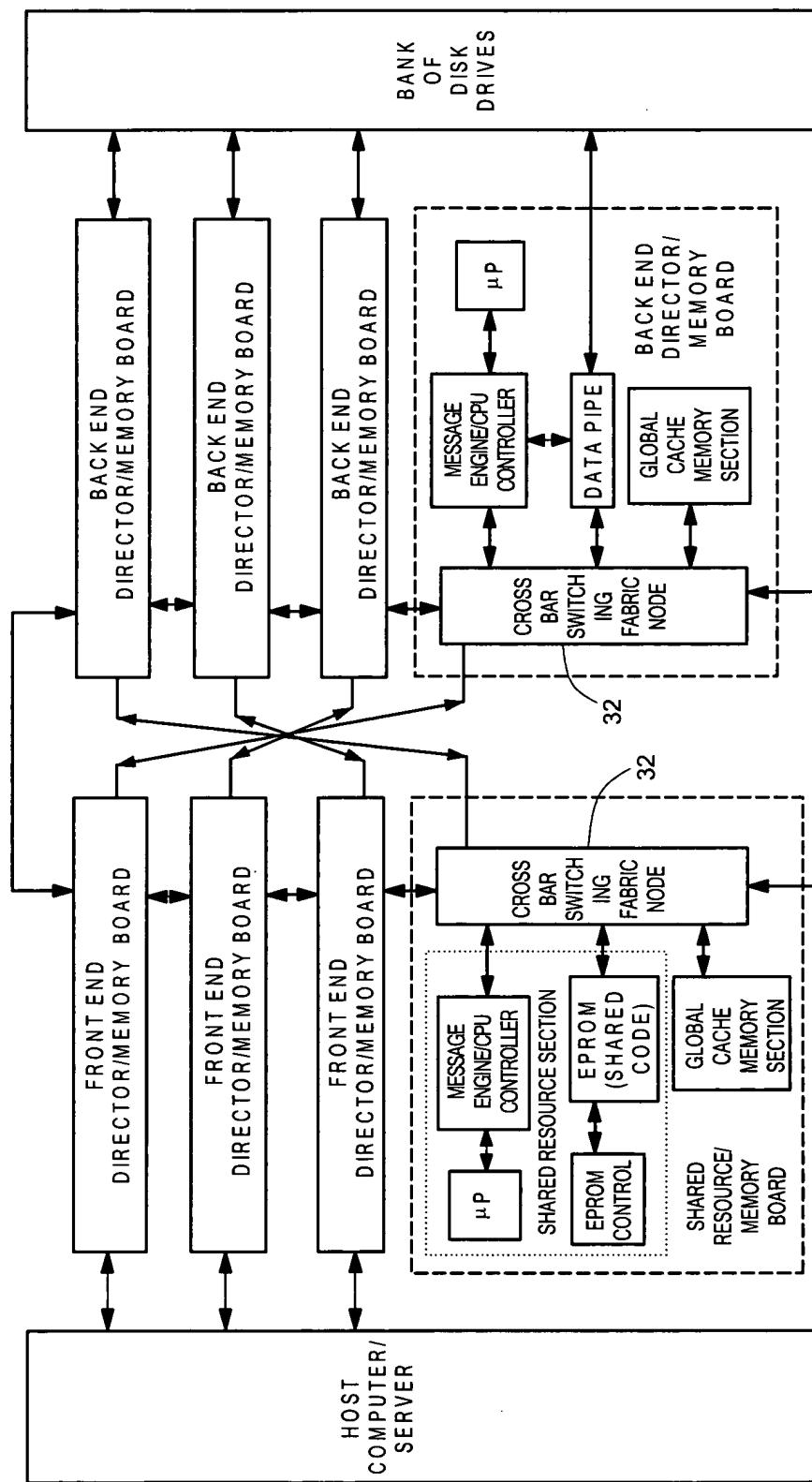


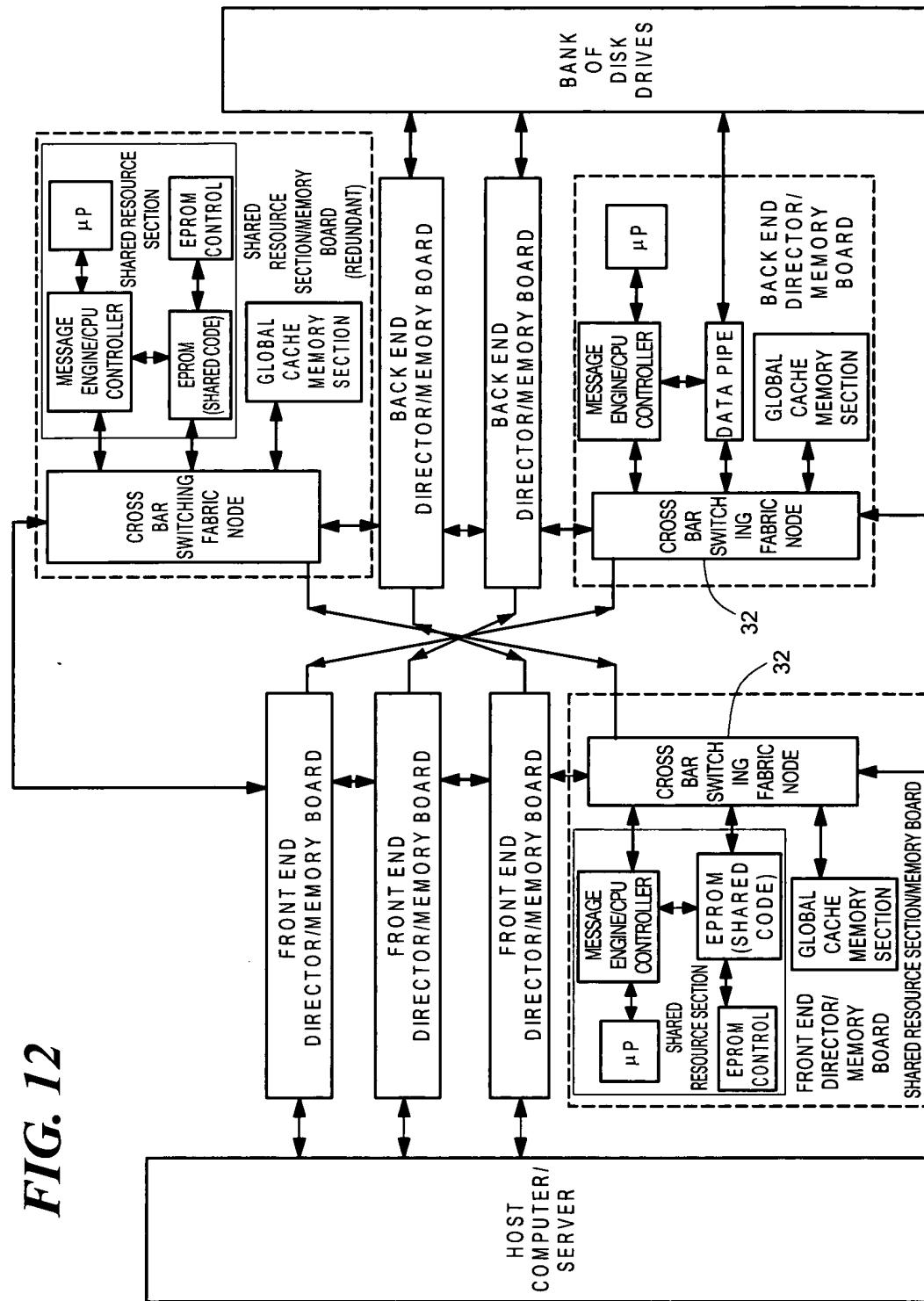
FIG. 11

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DATA SYSTEM HAVING A VIRTUAL QUEUE

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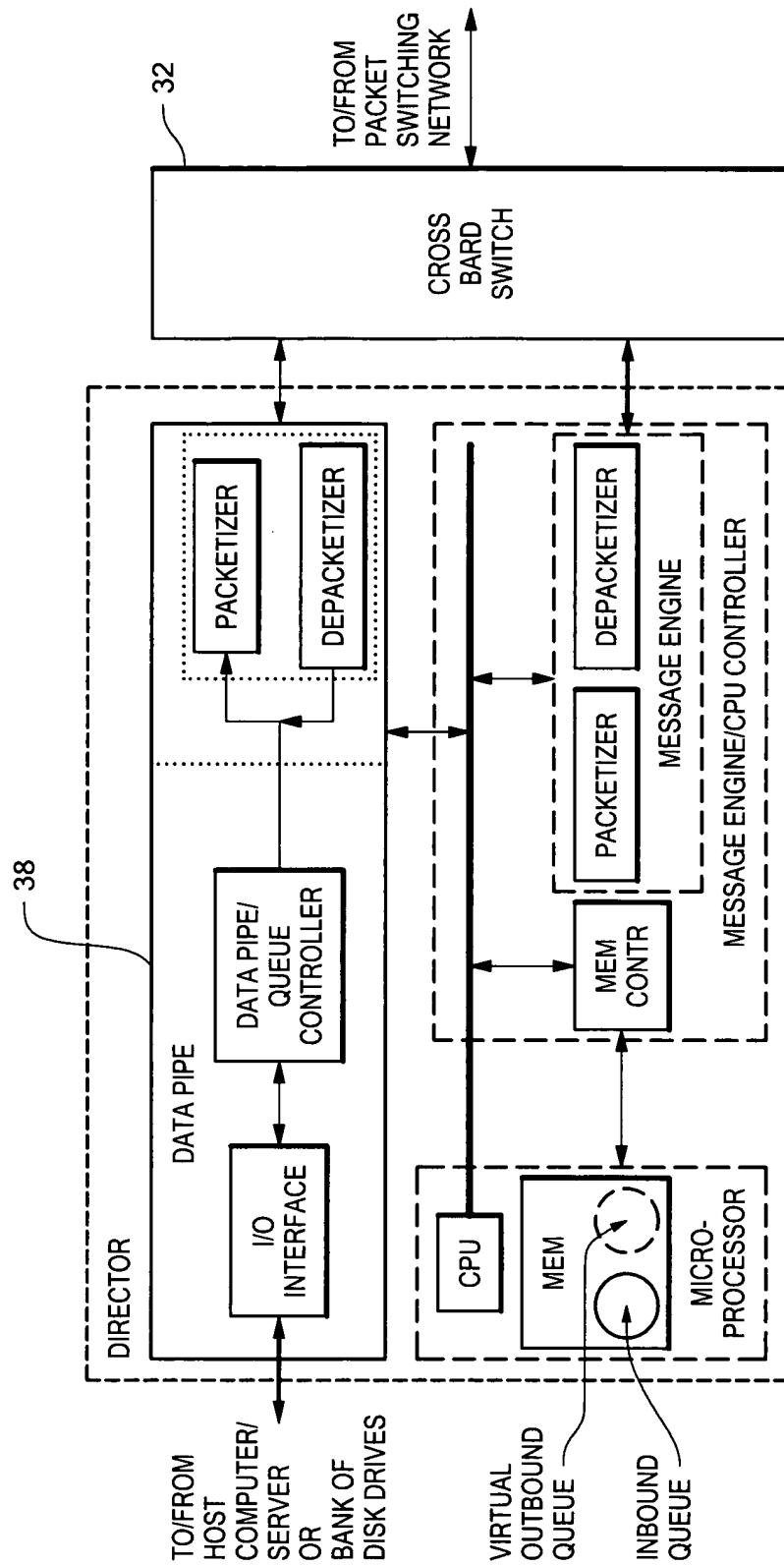


FIG. 13

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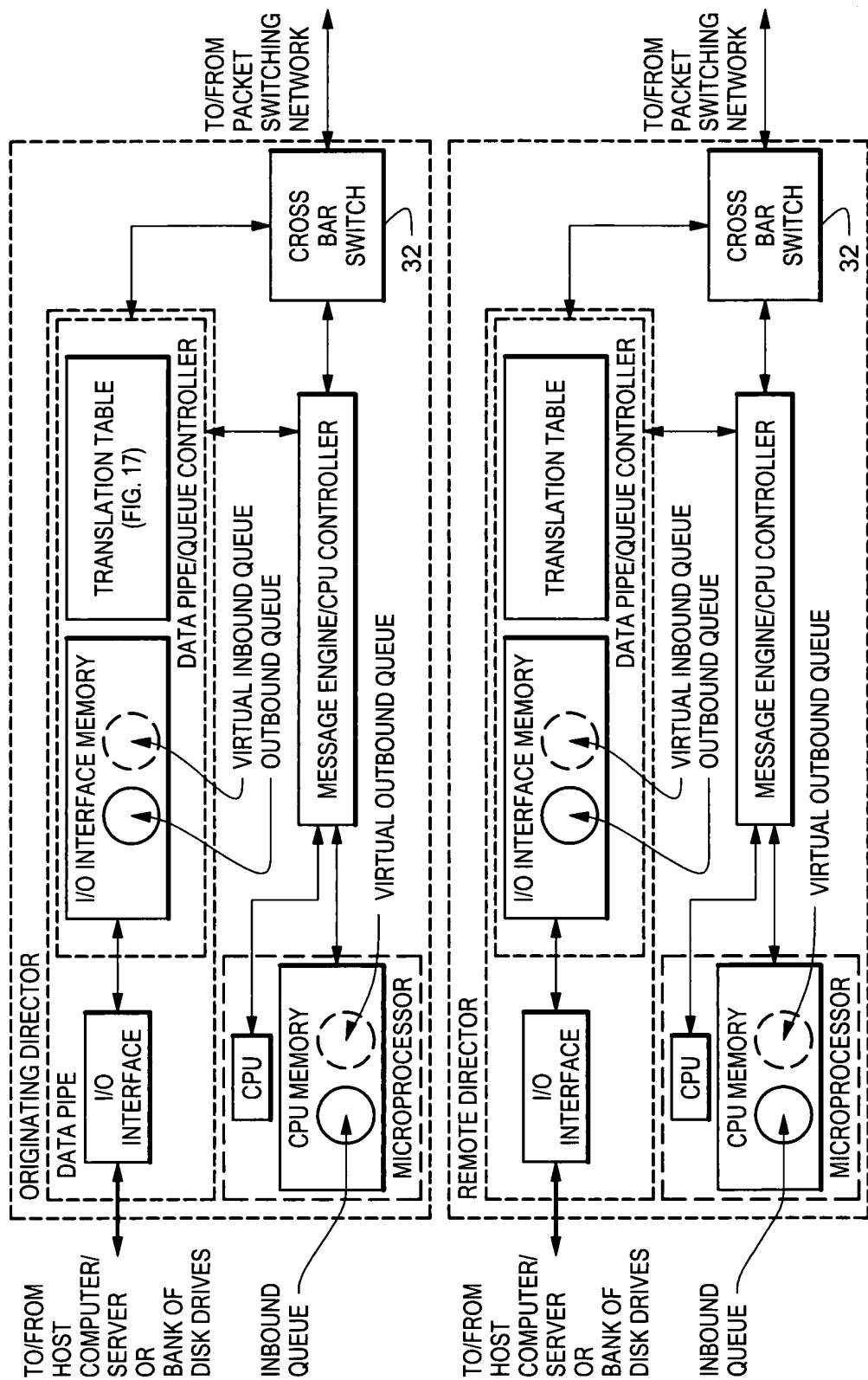


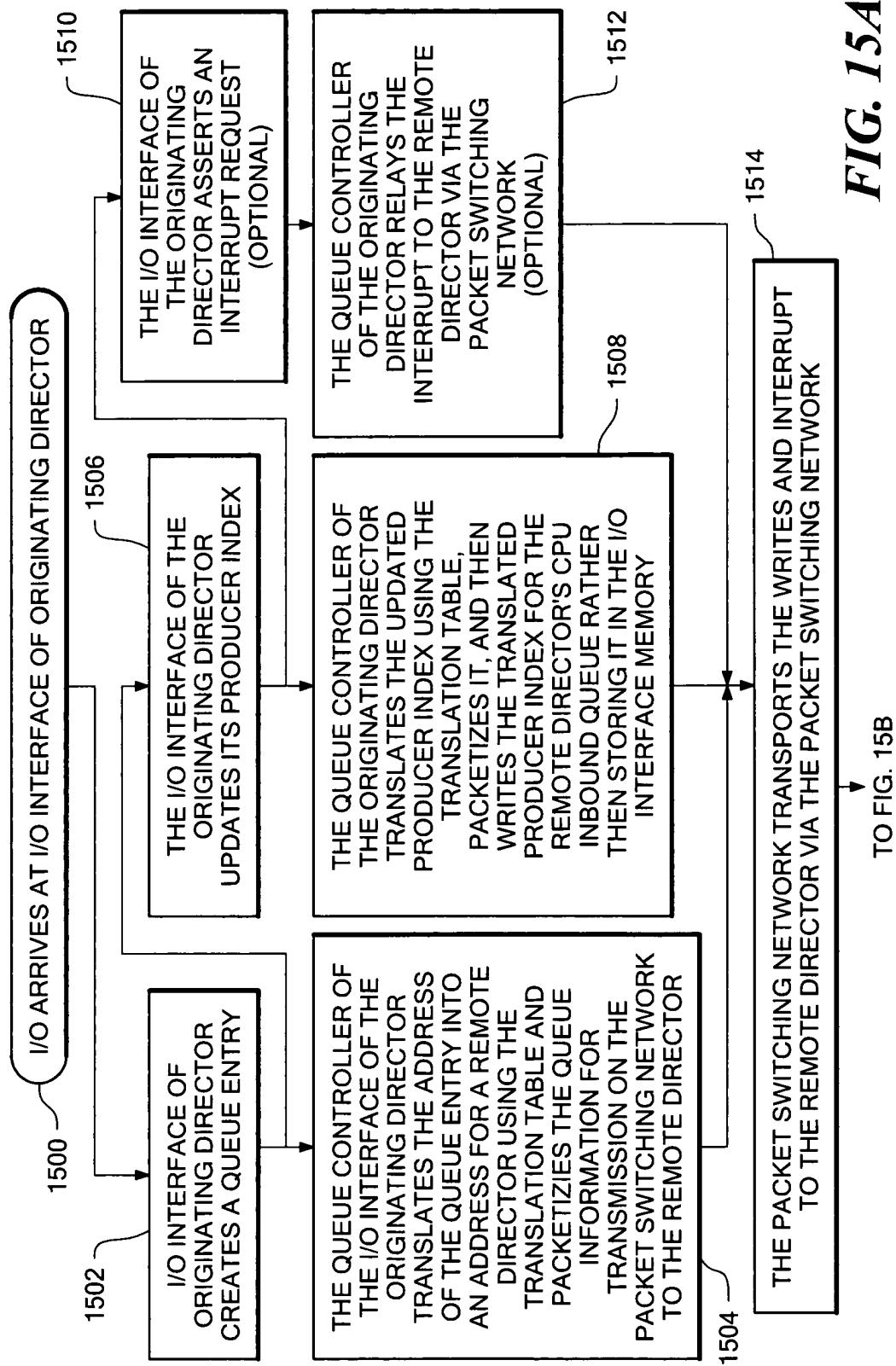
FIG. 14

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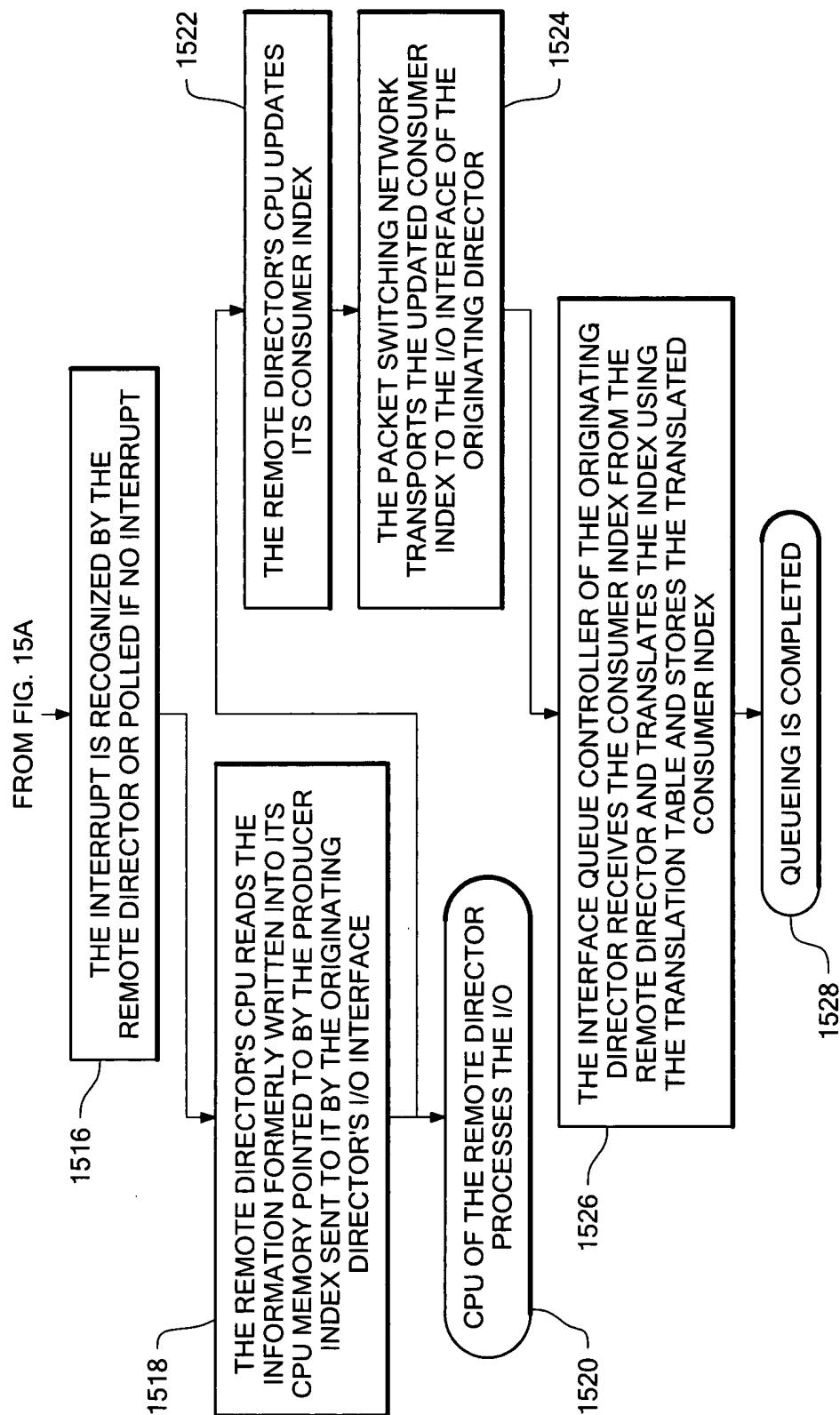


FIG. 15B

DATA SYSTEM HAVING A VIRTUAL QUEUE

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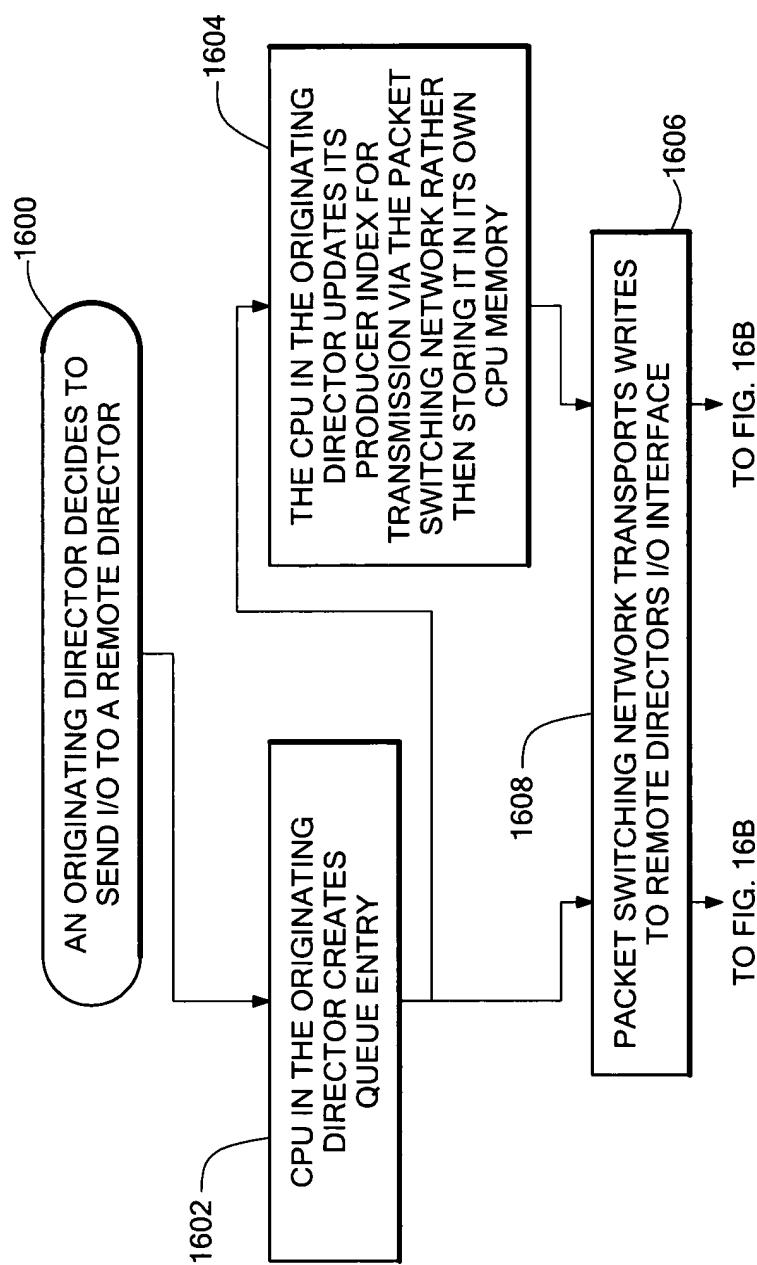


FIG. 16A

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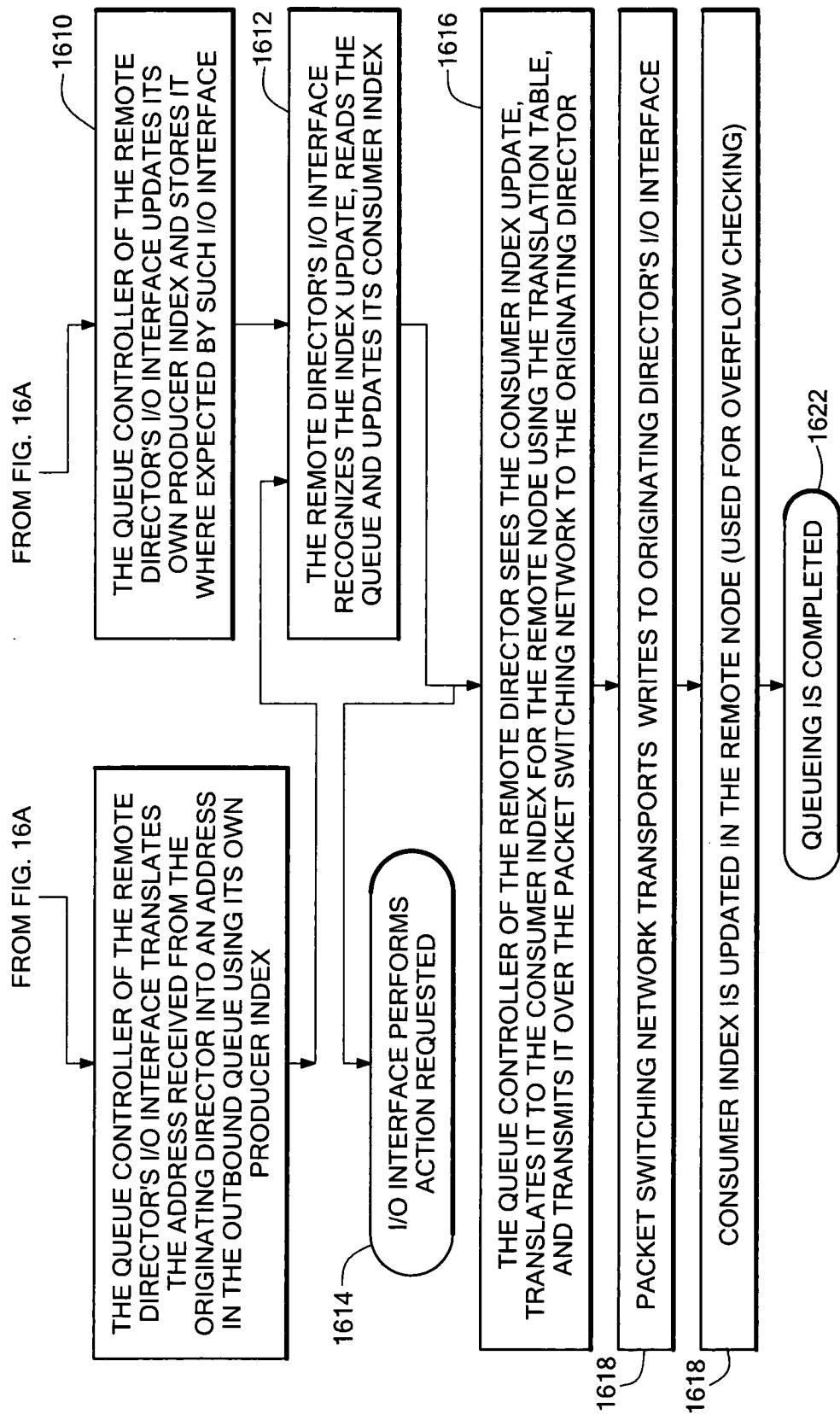


FIG. 16B

Translation Table Format

Address	Data
$f(x)$	
Remote CPU Number	Remote Producer Index
Remote CPU Number	Remote Producer Index
Remote CPU Number	Remote Producer Index
Remote CPU Number	Remote Producer Index
Remote CPU Number	Remote Producer Index
Remote CPU Number	Remote Producer Index
Remote CPU Number	Remote Producer Index
Remote CPU Number	Remote Producer Index
Remote CPU Number	Remote Producer Index
Remote CPU Number	Remote Consumer Index
Remote CPU Number	Remote Consumer Index
Remote CPU Number	Remote Consumer Index
Remote CPU Number	Remote Consumer Index
Remote CPU Number	Remote Consumer Index
Remote CPU Number	Remote Consumer Index
Remote CPU Number	Remote Consumer Index
Remote CPU Number	Remote Consumer Index
Remote CPU Number	Misc. Remote Info
Remote CPU Number	Misc. Remote Info
Remote CPU Number	Misc. Remote Info
Remote CPU Number	Misc. Remote Info

FIG. 17